

SiteManager **Training Manual**



Module F **Chapter 1**

Material Management **Material Information**

Section F-1-1-2 **Viewing Material Detail**

Student's Version

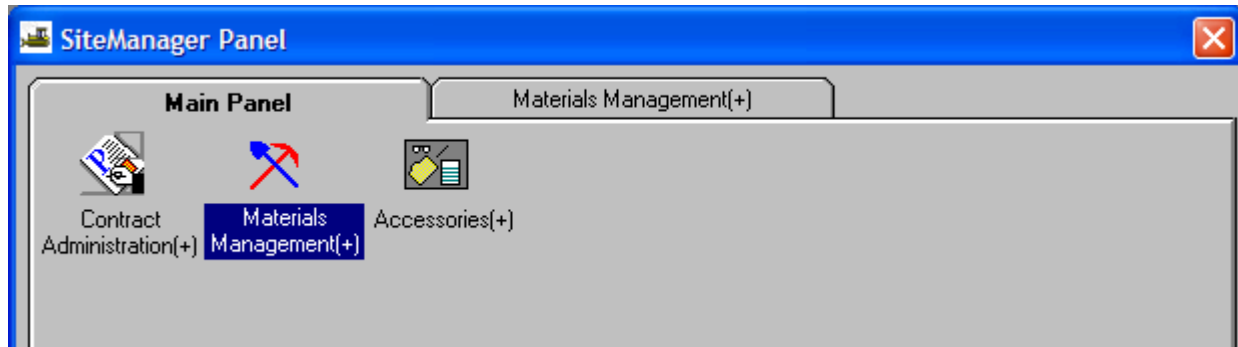
Indiana Department of Transportation
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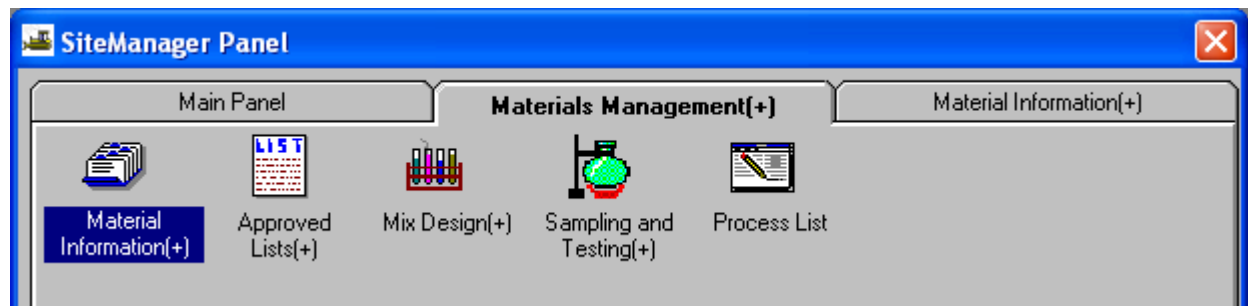
Viewing Material Detail Information

This module will explain how to view:

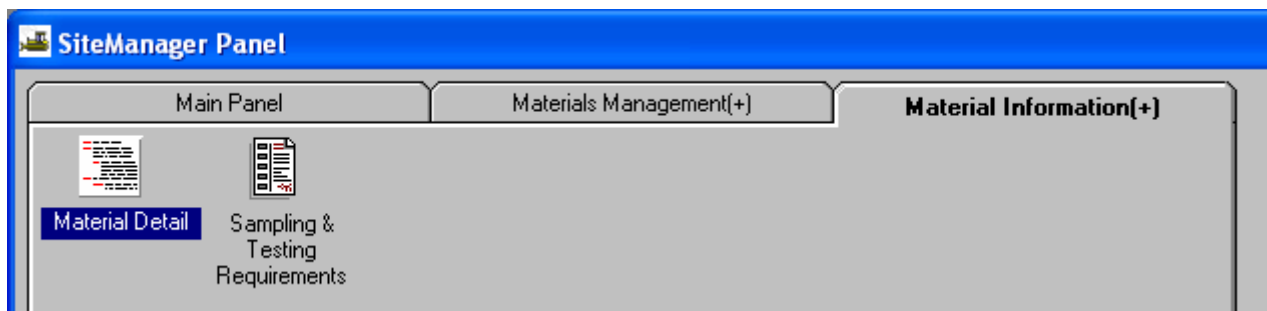
- material codes and descriptions,
- assigned test methods to each material and



“Double-click” on **Materials Management** located on the Main Panel.



“Double-click” on **Material Information**.



“Double-click” on **Material Detail**

Select Material

Selection

mat_cd 401M34547

Find :

mat_cd

Material Code	Material Full Name	Material Short Name	Status
401M34545	QC/QA HMA 9.5mm (3/8 in) Surface, Cat 1	QC/QA HMA 9.5,S,1	A
401M34546	QC/QA HMA 9.5mm (3/8 in) Surface, Cat 2	QC/QA HMA 9.5,S,2	A
401M34547	QC/QA HMA 9.5mm (3/8 in) Surface, Cat 3	QC/QA HMA 9.5,S,3	A
401M34548	QC/QA HMA 9.5mm (3/8 in) Surface, Cat 4	QC/QA HMA 9.5,S,4	A
401M34549	QC/QA HMA 9.5mm (3/8 in) Surface, Cat 5	QC/QA HMA 9.5,S,5	A
401M34550	Fibers , Cellulose	Fibers, Cellulose	A
401M34560	QC/QA HMA 25.0mm (1 in), Intermediate OG	HMA C25.0 I OG	A

OK Cancel

Use the Scroll or Find/Filter/Sort technique to locate the appropriate **Material Code**.

“Double-click” on the appropriate **Material Code**.

Description tab

The screenshot shows the 'Material Detail' window in the 'AASHTO SiteManager' application. The 'Description' tab is selected. The form contains the following fields and values:

Field	Value
Material Code	401M34547
Short Name	QC/QA HMA 9.5.S.3
Full Name	QC/QA HMA 9.5mm (3/8 in) Surface, Cat 3
Sample Test Method	ITM580 - HMA
Recycled	<input type="checkbox"/>
English Unit	TON (English)
Metric Unit	Megagram (SI)
Type Code	QC/QA Hot Mixec
Size Code	9.5 mm
Approved Material	<input type="checkbox"/>
Approved Producer Supplier	<input checked="" type="checkbox"/>
Specification Reference	401.09
Status Indicator	Active
Status Date	09/01/02

There is a blue 'INDOT' button located below the 'Specification Reference' field.

Material Code: A material code is unique to each material. The format is

- **912M12350:** The first three characters are numbers representing the area of the specifications that the material is referenced.
- **702M12350:** The next character is always “M”. This indicates the code is for a material and not for an item code.
- **702M00100:** The next five characters are sequential numbers that uniquely identify the material. When the material belongs to a group of new materials, the sequential number is an increment of 10, ending in 0. This allows room for additional materials to be added to the group at a later time.

Short Name: The **Short Name** field is the abbreviated material description.

When a material is created, but is not activated until a later date, an asterisk (*) is placed at the beginning of the **Short Name**. Once the material is activated, the asterisk is removed from the **Short Name** and an additional letter is added to the short name. This makes it easier to locate inactive materials.

Full Name: The **Full Name** field is the description of the material.

AASHTO SiteManager

File Edit Services Window Help

Material Detail

Description Tests Gradations

Material Code: 401M34547 Short Name: QC/QA HMA 9.5,S,3

Full Name: QC/QA HMA 9.5mm (3/8 in) Surface, Cat 3

Sample Test Method: ITM580 - HMA Recycled: ☐

English Unit: TON (English) Metric Unit: Megagram (SI)

Type Code: QC/QA Hot Mixec Size Code: 9.5 mm

Approved Material: ☐ Approved Producer Supplier: ☒

Specification Reference: 401.09 **INDOT**

Status Indicator: Active Status Date: 09/01/02

Sample Test Method: The **Sample Test Method** is the type of test method associated to the material.

Recycled: The **Recycled** check-box is used to indicate if a material is a product of a recycling process.

English Unit: The **English Unit** field is a drop-down list of all English and metric units referring to the material method of measurement and not the pay item method of payment.

Metric Unit: The **Metric Unit** field is a drop-down list of all English and metric units referring to the material method of measurement and not the pay item method of payment.

Type Code: The **Type Code** field is a drop-down list that contains the topics from the material details in the 900 Section of the Specifications.

Size Code: The **Size Code** field indicates the size of the material.

Approved Material: The **Approved Material** check-box is used to indicate if the material is associated to an Approved Material.

Approved Producer/Supplier: The **Approved Producer/Supplier** check-box is used to indicate if the material is associated to an approved Producer/Supplier.

AASHTO SiteManager

File Edit Services Window Help

Material Detail

Description Tests Gradations

Material Code: 401M34547 Short Name: QC/QA HMA 9.5 S.3

Full Name: QC/QA HMA 9.5mm (3/8 in) Surface, Cat 3

Sample Test Method: ITM580 - HMA Recycled: ☐

English Unit: TON (English) Metric Unit: Megagram (SI)

Type Code: QC/QA Hot Mixec Size Code: 9.5 mm

Approved Material: ☐ Approved Producer Supplier: ☒

Specification Reference: 401.09 **INDOT**

Status Indicator: Active Status Date: 09/01/02

Specification Reference: The **Specification Reference** field indicates the material's specific specification reference

Status Indicator: The **Status Indicator** field indicates the material being either Active or Inactive.

- **Active Status:** the material is available for use.
- **Inactive Status:** the material is not available for use.

Status Date: The **Status Date** field indicates

- the letting or supplemental date associated to the material when the **Status Indicator** is changed to **Active**
- the date the **Status Indicator** is changed to **Inactive**

AASHTO SiteManager

File Edit Services Window Help

Material Detail

Description Tests Gradations

Material Code: []

Full Name: []

Sample Test Method: []

English Unit: []

Type Code: []


Approved Material: []


Specification Reference: []

Remarks (General Remarks) :

Status Indicator: Active Status Date: 09/01/02

General information can be recorded in the **Remarks** field.

“Click” on the **Remarks**  button located on the toolbar to open and close the **Remarks** balloon.

If the **Remarks**  button has lines in it, then Remarks have already been entered.

Tests tab


The screenshot shows the AASHTO SiteManager application window. The title bar reads "AASHTO SiteManager". The menu bar includes "File", "Edit", "Services", "Window", and "Help". The toolbar contains icons for file operations and testing. The "Material Detail" window is open, with the "Tests" tab selected. The "Material Code" field is populated with "401M34547". Below this is a table of test methods.

Test Method	Test Nbr	Test Description
ZHMA23	1831	Z DO NOT USE
ZHMA24	1834	Z DO NOT USE
ZD582137	1763	Z DO NOT USE
IT583-v1	838	Certified Volumetric HMA Producer Program
IT572-v1	658	Moisture Percent in Asphalt
IT586-v1	665	Binder Content by Ignition
T209-v1	788	Maximum Specific Gravity for HMA
T269S-v1	798	Road Core Density (Single Core)
T275-v1	503	Bulk Specific Gravity of Paraffin-Coated Cores
IT571-v1	657	Binder Content by Extraction
SM9003-v1	730	Certification Data
T166-v1	775	Bulk Specific Gravity of Compacted HMA

Test Methods are associated to the **Material Code** in the **Tests** tab.
The specifications outline the required test methods required for a material.

The XP, Y and Z Test Methods are used to associate specification limits to a test method.

The **Gradation** tab will not be utilized by INDOT.

“Click” on the **Close**  button located on the toolbar to exit the **Material Detail** window.

Viewing a Material Detail

Group Exercise F-1-1-3

In the following exercise, you will view the **Material Detail** information for Material code is 702M12350

Log into SiteManager as inquire
Password pass

Navigation from **Main Panel**:

Double-click: **Materials Management (+)** icon

Double-click: **Material Information (+)** icon

Double-click: **Material Detail** icon

Click the **Open** button

Material code: 702M00010

Double-click on the **Material Code**.

Description tab

What is the **Specification Reference** for Material Code: 702M00010?

Tests tab

Note: Answer: 702.02

Is Test Method T152-v1 associated to material code 702M00010?

Note: Answer: Yes
